

What is claimed is:

1. An information transmitting apparatus for transmitting information to a plurality of information receiving apparatuses via a serial bus, the information transmitting apparatus comprising:

a determination unit configured to determine whether or not one or more of the plurality of information receiving apparatuses are ready for receiving the information; and

a control unit configured to make the information refrain from being transmitted by performing a waiting operation until the one of more information receiving apparatuses become ready for receiving the information in cases where the determination unit determines that the one or more information receiving apparatuses are not ready for receiving the information.

2. The information transmitting apparatus according to claim 1, further comprising

a measurement unit configured to measure a waiting time during which the waiting operation is performed; and

a transmission unit configured to transmit the information when the waiting time measured by the measurement unit reaches a predetermined value.

3. The information transmitting apparatus according to claim 2, wherein the determination unit is configured to transmit a predetermined command to the plurality of information receiving apparatuses and determines whether or not the one or more information receiving apparatuses are ready for receiving the information on the basis of responses from the one or more information receiving apparatuses that responds to the predetermined command.

4. The information transmitting apparatus according to claim 3, wherein the predetermine command is an AV/C SIGNAL_SOURCE status command in compliance with an IEEE (Institute of Electrical and Electronic Engineers) 1394 standard.

5. The information transmitting apparatus according to claim 1,
wherein the determination unit is configured to transmit a predetermined
command to the plurality of information receiving apparatuses and
determines whether or not the one or more information receiving
5 apparatuses are ready for receiving the information on the basis of
responses from the one or more information receiving apparatuses that
responds to the predetermined command.

6. The information transmitting apparatus according to claim 5,
10 wherein the predetermine command is an AV/C SIGNAL_SOURCE status
command in compliance with an IEEE (Institute of Electrical and
Electronic Engineers) 1394 standard.

7. An information transmitting method of transmitting
15 information to a plurality of information receiving apparatuses via a
serial bus, the method comprising the steps of:

determining whether or not one or more of the plurality of
information receiving apparatuses are ready for receiving the
information; and

20 making the information refrain from being transmitted by
performing a waiting operation until the one of more information
receiving apparatuses become ready for receiving the information in
cases where it is determined that the one or more information receiving
apparatuses are not ready for receiving the information.

25 8. An information transmitting and receiving system comprising
one or more transmission apparatuses each transmitting information
and a plurality of reception apparatuses each receiving the information
from the transmission apparatuses via a serial bus, wherein

30 each of the transmission apparatuses comprises
a determination unit configured to determine whether or not one
or more of the plurality of reception apparatuses are ready for receiving
the information; and

35 a control unit configured to make the information refrain from
being transmitted by performing a waiting operation until the one or more
reception apparatuses become ready for receiving the information in

cases where the determination unit determines that the one or more reception apparatuses are not ready for receiving the information.